



PART B - FEE(S) TRANSMITTAL

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23165 7590 08/04/2008

ROBERT J JACOBSON PA
 650 BRIMHALL STREET SOUTH
 ST PAUL, MN 551161511

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Robert J. Jacobson	(Depositor's name)
<i>Robert J. Jacobson</i>	(Signature)
8-19-2008	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/764,852	01/26/2004	Michio Tanimoto	2004-2123.ORI	9801

TITLE OF INVENTION: COMPOSITE-OXIDE CATALYST AND PROCESS FOR PRODUCTION OF ACRYLIC ACID USING SAID CATALYST

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	11/04/2008
EXAMINER		ART UNIT	CLASS-SUBCLASS			
CHO, JENNIFER Y		1621	562-535000	01 FC:1501 02 FC:1504	1440.00 DA 300.00 DA	08/20/2008 MBELETE2 00000049 503288 10764852

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Nippon Shokubai Co., Ltd.

Osaka, JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☒ Issue Fee

☒ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

☐ A check is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number *50-3288* (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Robert J. Jacobson

Date

8-19-2008

Typed or printed name

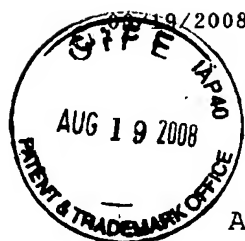
Robert J. Jacobson

Registration No.

32,419

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Attorney Docket No.: 2004-2123.ORI

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nippon Shokubai Co., Ltd.

S.N.: 10/764,852

Filed: January 26, 2004

For: Composite-Oxide Catalyst And Process For Production Of
Acrylic Acid Using Said Catalyst

Examiner: Jennifer Y. Cho

Art Unit: 1621

Confirmation No.: 9801

Mail Stop ISSUE FEE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

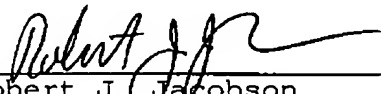
Certificate of Facsimile Transmission

I hereby certify that the following documents are being
facsimile transmitted to the United States Patent and Trademark
Office on August 19, 2008 to 1-571-273-2885 totaling four pages
by applicant's attorney, Robert J. Jacobson:

1. This Certificate of Facsimile Transmission dated August 19, 2008 (one page);
2. Part B - Fee(s) Transmittal dated August 19, 2008 (one page); and
3. Comments on Statement of Reasons for Allowance dated August 19, 2008 (two pages).

Respectfully submitted,

Date: 8-19-2008


Robert J. Jacobson
Reg. No. 32,419

Tel. No.: (651) 699-7900
Fax. No.: (651) 699-7901

650 Brimhall Street South
St. Paul, MN 55116-1511



Attorney Docket No.: 2004-2123.ORI

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner for Patents

P.O. Box 1450

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Comments on Statement of Reasons for Allowance

The present case has been allowed, and this allowance is very much appreciated.

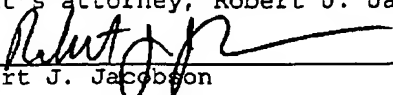
In the Reason for Allowance section of the Notice of Allowance dated August 4, 2008, the Examiner found a percent increase in catalyst lifetime of about 46%, and this finding is very much appreciated.

This paper is being filed to suggest that there is another way to calculate percent increases.

In the Reason for Allowance section, the Examiner points out comparative data in Table 1 on page 24 of the specification. Here the reaction duration at attainment to 300° C for applicant's catalyst was 24000 hours, while the reaction duration at attainment to 300° C for a catalyst of a comparative example was 13000 hours.

It is believed that the Examiner calculated a percent increase as follows: $(\text{new value} - \text{old value}) / (\text{new value})$.

I hereby certify that this correspondence and the documents referred to as enclosed therein are being facsimile transmitted to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 19, 2007 to 1-571-273-2885 by applicant's attorney, Robert J. Jacobson.


Robert J. Jacobson

(Comments On Statement Of Reasons For Allowance--page 1 of 2)

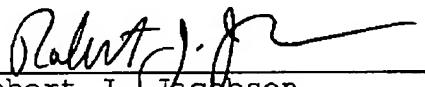
10/764,852

In other words, the Examiner calculated the percent increase as follows: $(24000 \text{ hours} - 13000 \text{ hours}) / (24000 \text{ hours}) = 0.458$ or a 46% increase in reaction duration at attainment to 300° C.

However, it is respectfully suggested that percent increases are normally calculated as follows: $(\text{new value} - \text{old value}) / (\text{old value})$. In other words, in the present case, the percent increase should be calculated as follows: $(24000 \text{ hours} - 13000 \text{ hours}) / (13000 \text{ hours}) = 0.846$ or an 85% increase in reaction duration at attainment to 300° C such that applicant's catalyst lifetime almost doubled (from 13000 hours to 24000 hours).

Respectfully submitted,

Date: 8-19-2008


Robert J. Jacobson
Reg. No. 32,419

Tel. No.: (651) 699-7900
Fax. No.: (651) 699-7901

650 Brimhall Street South
St. Paul, MN 55116-1511